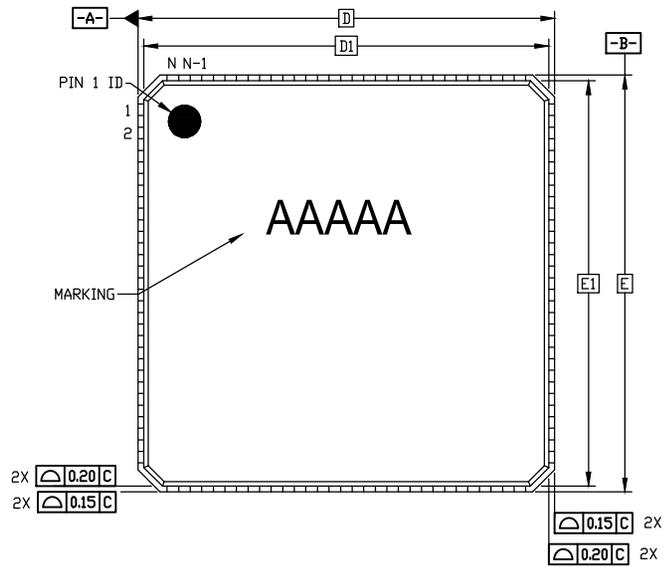
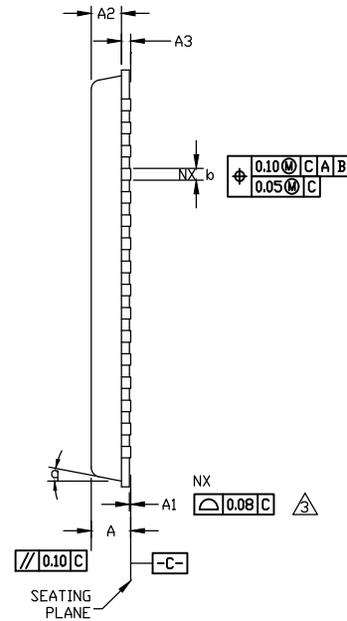


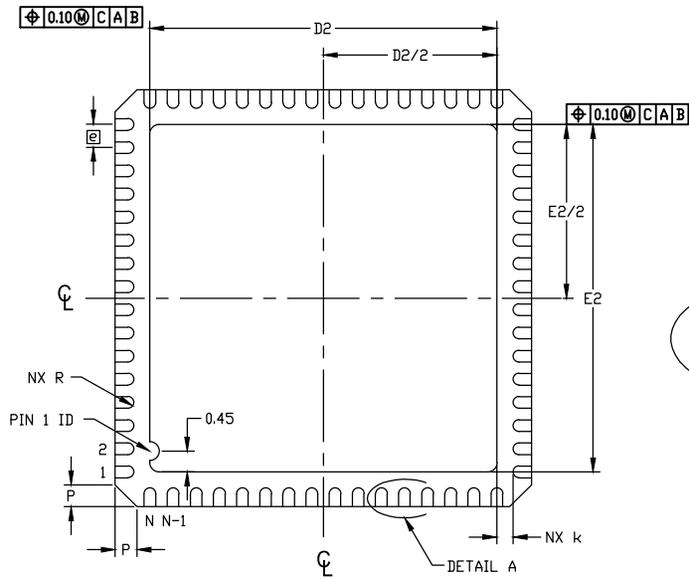
TOP VIEW



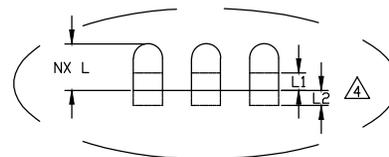
SIDE VIEW



DIM	MILLIMETERS			INCHES		
	MIN	NDM	MAX	MIN	NDM	MAX
A	0.80	0.85	0.90	0.031	0.033	0.035
A1	0.01	0.03	0.05	0.000	0.001	0.002
A2	0.60	0.65	0.70	0.024	0.026	0.028
A3	0.20 REF			0.008 REF		
b	0.20	0.25	0.30	0.008	0.010	0.012
D	9.00 BSC			0.354 BSC		
D1	8.75 BSC			0.344 BSC		
D2	7.50 REF			0.295 REF		
E	9.00 BSC			0.354 BSC		
E1	8.75 BSC			0.344 BSC		
E2	7.50 REF			0.295 REF		
e	0.50 BSC			0.020 BSC		
k	0.25	-	-	0.010	-	-
L	0.30	0.40	0.50	0.012	0.016	0.020
L1	0.00	-	0.15	0.000	-	0.006
L2	-	-	0.13	-	-	0.005
N	64 PINS			64 PINS		
ND	16 PINS			16 PINS		
NE	16 PINS			16 PINS		
P	-	-	0.60	-	-	0.024
R	-	0.13	-	0.005	-	-
q	10°	11°	12°	10°	11°	12°



BOTTOM VIEW



DETAIL A

(PUNCH QFN VERSION)

NOTES:

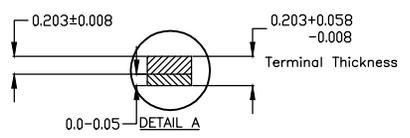
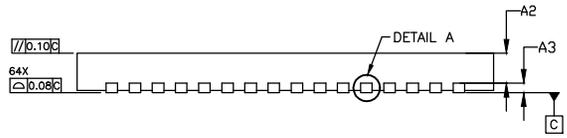
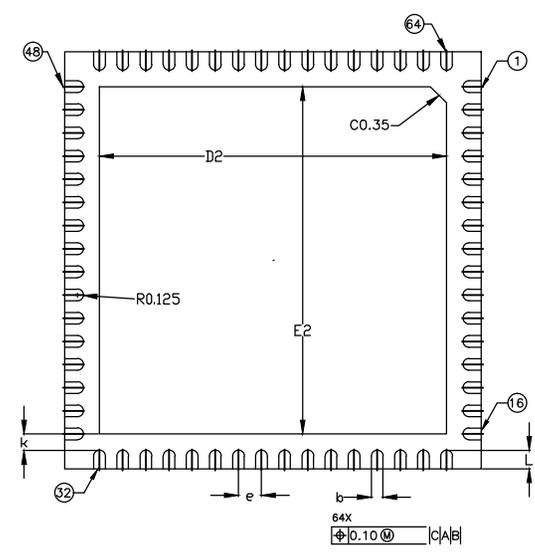
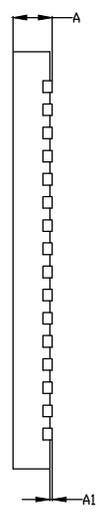
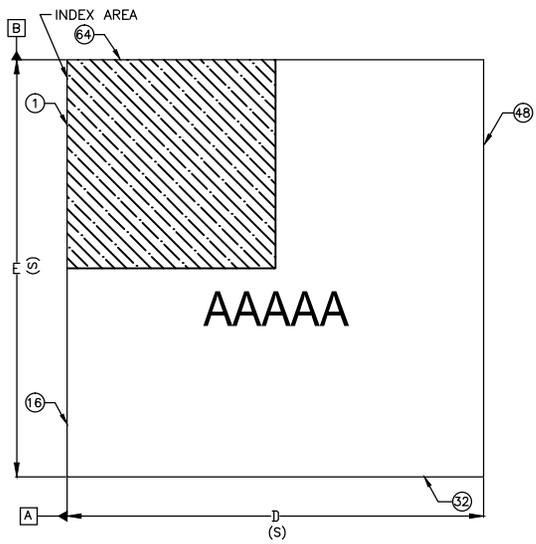
- ALL DIMENSIONS ARE IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994.
- COPLANARITY APPLIES TO BOTH TERMINALS AND HEAT SINK.
- L1 IS THE PULLBACK OF THE TERMINAL METAL FROM THE PLASTIC BODY EDGE AND L2 IS THE TERMINAL METAL LENGTH PROTRUDING FROM THE PLASTIC BODY EDGE. PACKAGE IS JEDEC MO-220 COMPLIANT.
- N IS THE TOTAL NUMBER OF TERMINALS
- MARKING SHOWN IS FOR PKG. ORIENTATION PURPOSE ONLY.
- MATERIAL MUST COMPLY WITH BANNED AND RESTRICTED SUBSTANCES SPEC #10-0131.
- ALL DIMENSIONS APPLY TO PBFREE (+) PKG. CODES ONLY.
- PACKAGE CODE: G6499+1

-DRAWING NOT TO SCALE-



TITLE:
PACKAGE OUTLINE, 64L
PUNCH QFN, 9.00 x 9.00 x 0.85mm

APPROVAL ZHEN LI	DOCUMENT CONTROL NO. 21-1014	REV. B	1/2
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PKG REF	DIMENSIONS		
	MIN.	NOM.	MAX.
A	0.80	0.85	0.90
A1	0.00	-	0.05
A2	-	0.65	-
A3	0.203 REF		
b	0.20	0.25	0.30
D	8.90	9.00	9.10
E	8.90	9.00	9.10
D2	7.40	7.50	7.60
E2	7.40	7.50	7.60
e	0.5 BSC		
k	0.35 REF		
L	0.30	0.40	0.50
N		64	

- NOTE :
1. ALL DIMENSION ARE IN mm. ANGLES IN DEGREES.
 2. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS. COPLANARITY SHALL NOT EXCEED 0.08 mm.
 3. WARPAGE SHALL NOT EXCEED 0.10 mm.
 4. PACKAGE LENGTH / PACKAGE WIDTH ARE CONSIDERED AS SPECIAL CHARACTERISTIC.(S)
 5. REFER JEDEC MO-220.
 6. L/F STOCK# FR0158 (Ag Ring)

(SAWN QFN VERSION)

-DRAWING NOT TO SCALE-


maxim integrated

TITLE:
 PACKAGE OUTLINE, 64L
 PUNCH QFN, 9.00 x 9.00 x 0.85mm

APPROVAL ZHEN LI	DOCUMENT CONTROL NO. 21-1014	REV. B
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